

CLCS Operations Concept

Development Process

- *Operations Concept Started With The 60 Day Study*
- *Development of OPS Concept Has Been A Continuing Effort*
 - *Team Formed, Led By Steve Altemus & Roberta Wyrick With User and Design Participation*
 - *Is Being Coordinated With User/Design Community*
 - *Will Assist In Better Requirement Definition*
 - *Will Aid in Development Of A Detailed Transition Plan*
 - *Addresses User's Issues & Concerns*



CLCS

CLCS Operations Concept

- Operations Concept
 - Describes the physical characteristics
 - Operational Control Room
 - Flow Zones
 - Consoles
 - Specialized Processing Sites
 - Local Operations
 - Software Sustaining Environment



CLCS

CLCS Operations Concept

- CLCS Operations
 - Support Operations
 - Activity which prepare for execution of test operations
 - Provide auxiliary services as required
 - Maintenance
 - Commercial off the shelf hardware and custom hardware will be repaired as required by vendor or on-site personnel
 - Provides Description of COTS H/W & S/W Sustaining Process
 - Tasks pertaining to hardware problem identification, resolution and closure
 - Task's pertaining to upkeep, upgrade and configuration control of System Software products
 - Task's pertaining to requirement definition, development and validation of Application Software
 - Provides Description of System Level Major Assembly Maintenance



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CLCS Operations Concept

- Test Operations
 - Describes Test Control, System Access, Application Initialization and Control of Command/Monitor Applications
 - Describes How System Functions Can Be Consolidated
 - Will Define Redundancy and Control Room Configuration
 - Describes the Master Function
- Data Access - Data Recording
 - Will Describe Recording & Retrieval Services Being Consolidated In the Shuttle Data Center (SDC)



CLCS

CLCS Operations Concept

- User Environment
 - Defines Safing for CLCS
 - Describes Viewer Tools to support the user
 - Defines display characteristics/capabilities
 - Defines Business Systems and Advisory Systems Interfaces



CLCS

CLCS Operations Concept

- Operations Scenarios
 - Describes Launch/Landing Activity
 - Defines Multi-Flow CLCS Support
 - Describes Simulation, Standalone and Off-Line Facility Activity
 - Describes Local Operations



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